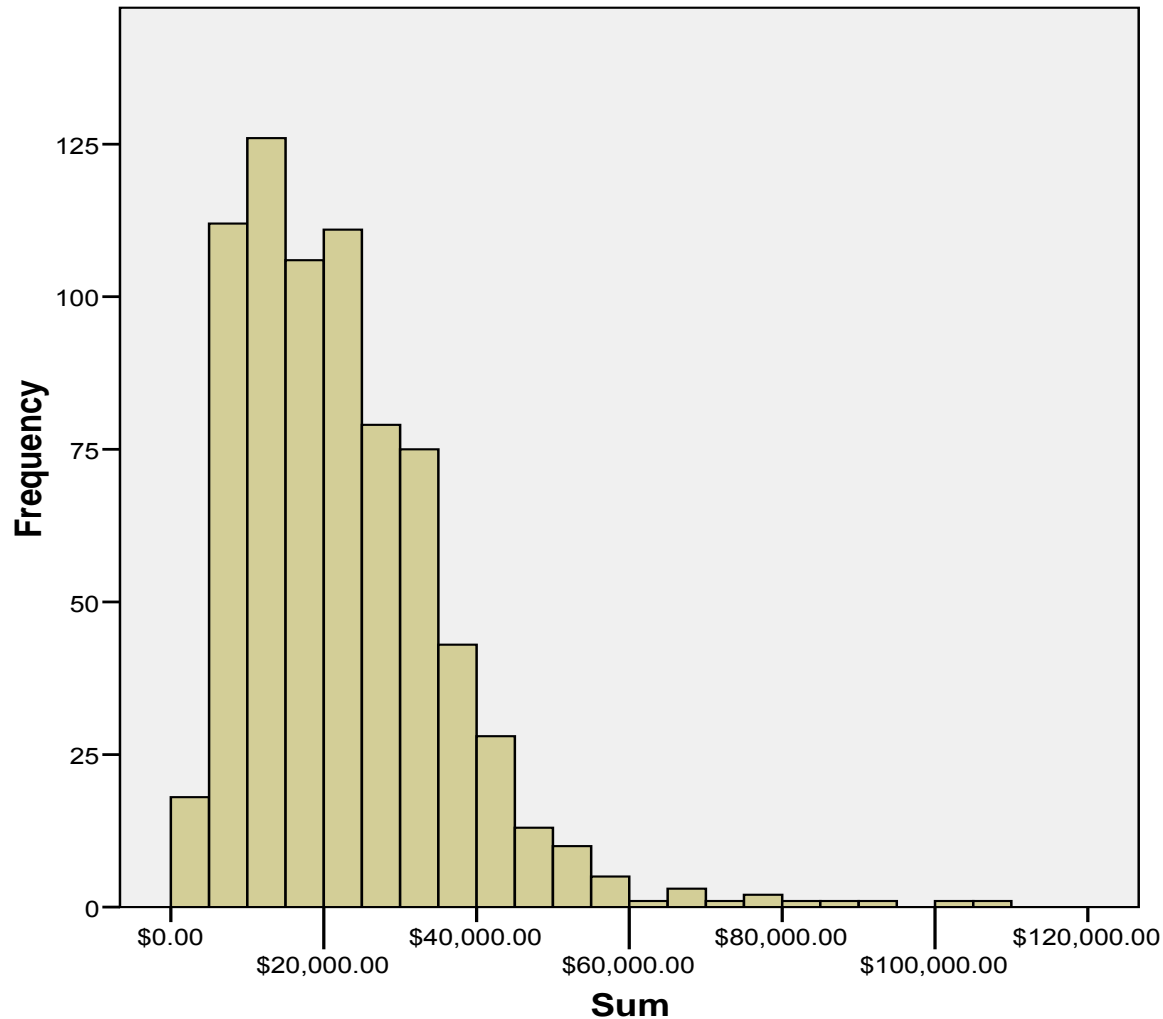# EPSDT PIP

San Diego County

San Diego Process

- Set up committee to work on the PIP: MH, Family and Youth, Providers, Education, CWS, Researchers

- Started with initial look at who these youth are.
  - Merged PIP dataset with existing INSYST and outcomes dataset
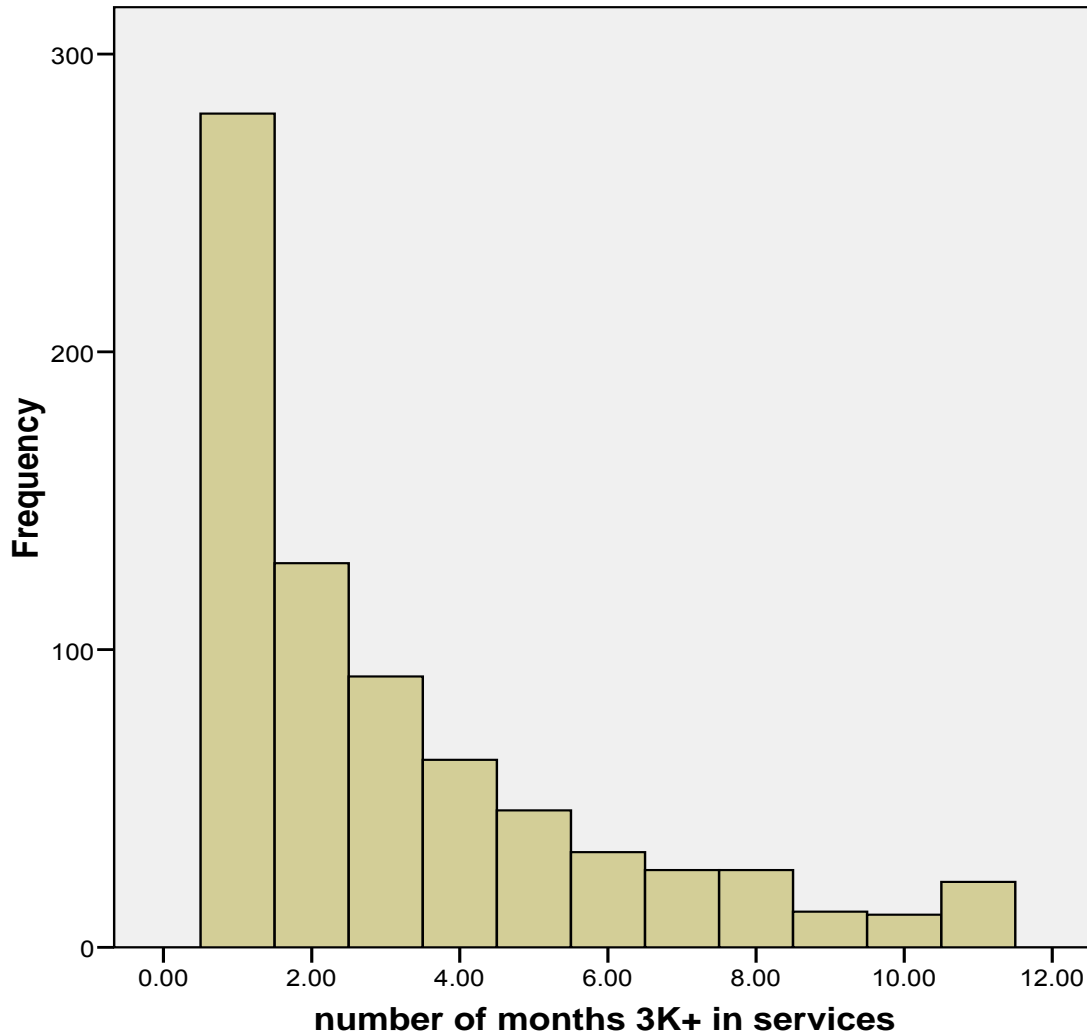
Average Cost

N=738

Mean: $22,533

Percentiles:
25th: $12,177.50
50th: $20,308
75th: $30,200.50

27 clients spent over $50K

7 clients spent over $75k

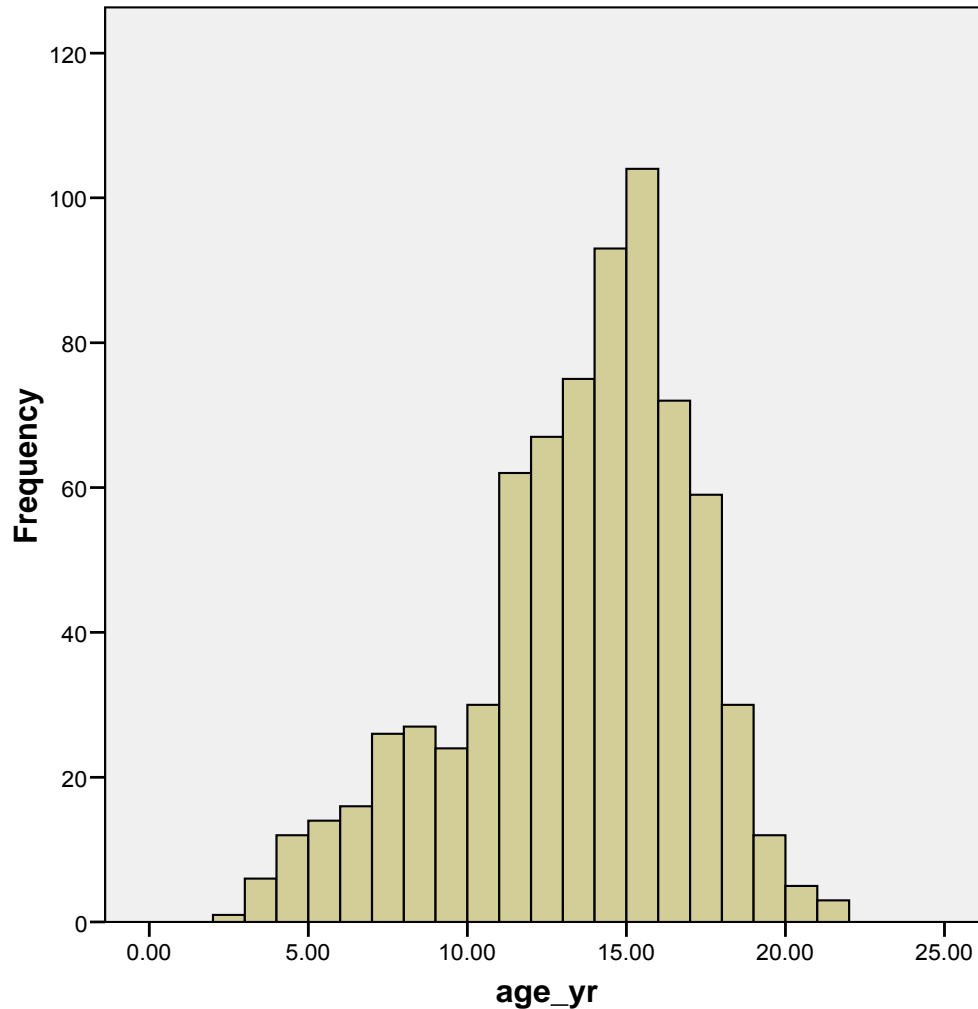# Months above 3K Cutpoint

Mean: 3.2 months at 3k+

37.9% of clients only reached the 3K+ cutpoint in 1 month

44.6% were at 3k+ in 3 or more months

Age

Age:

Mean: 13.4 yrs

Median: 14.1 yrs

Range: 2.7 – 21.41 yrs

33 youth were less than 6

50 youth were ages 18+ and being served in the Adult system

Demographics

Gender: <ins>CMHS</ins>

- – Female: 36.4%   39%
- – Male: 63.2%   61%

Race/Ethnicity:

- – Hispanic: 37.4%   48%
- – White: 31.4%   27%
- – African-American: 19.8%   15%
- – Asian/Pacific Islander: 2.3%   2%
- – Native American: 0.4%   1%
- – Other/Unknown: 8.6%   7%

FY0708 Data

Primary Diagnosis:

- ADHD: 19.7%
- Opp / Conduct: 22.7%
- Depressive: 19.1%
- **Bipolar:** **11.1%**
- Anxiety: 7.1%
- Adjustment: 11.1%
- Schizophrenia: 1.2%
- Other: 4.4%
- Excluded: 3.6%

Types of Services used

- Outpatient: 66.0%
- Case mgmt: 48.4%
- Day Treatment: 61.8%
- TBS: 25.7%
- ESU: 19.1%
- Inpatient: 19.4%

FY0607 Data

- 85% of the PIP sample also received services in FY0607

- More likely to have received services from another public sector in FY0607 than other children in the MHS system:
  - CWS
  - Special Education
  - Probation

  - Note: Alcohol and Drug Services involvement was <u>not</u> more likely

Subgroup Analyses

- Looked for any significant difference between these groups, the state's sample, and the overall MH System sample:
    - Clients above the 3k+ cutpoint for 3 or more months
    - Clients above the 3K cutpoint in 2 or more months
    - Clients above the 3k+ cutpoint for ONLY 1 month
    - Clients with <u>NO</u> Day Treatment Services
    - Clients using Day Treatment <u>Residential</u> Services

Subgroup Analyses

- Results:

- Nothing Surprising…
    - More months above the 3K cutpoint = more service use, more types of services used

- Decision: Examine the "3 Months above 3K" subsample in detail and see if we can predict who ends up here

Committee Discussion

- Use of TBS, Day Treatment, or Wraparound will put client above the cutpoint, so use of these services drives inclusion in the state sample

- Some of these clients reached the cutpoint in their first year in services, while others have a history of services back to the start of INSYST

- Multiple sector involvement, especially Special Ed and CWS, is very common in this sample

- Inpatient costs were not included in the sample selection – are we missing high end IP users?

Clients Who Reach the 3k Cutpoint in 3+ Months

- Mean cost in FY0708:
  - $33,153.40
  - Range: $11,046 - $106,626

- More White, African-American and less Hispanic than overall CMHS sample

- Much higher bipolar rate (22%)

Sample Description

- Service Use in FY0708
  - 74% Day Treatment
  - 44% services from Wraparound program
  - 32% TBS
  - 26% Inpatient
- Significantly more impaired at Intake on outcomes measures
  - Both youth and parent report

Sample Description

- Age at first episode:
  - Mean = **7.9 years** (+/- 3.4)
  - Overall system Mean = 9.0 years (+/- 4.6)
- Episode count:
  - Mean = **21.68** (+/- 17.5)
  - Overall system Mean = 4.24 (+/- 6.26)
- Episode count per year of service
  - Mean = **5.59** (+/- 5.94)
  - Overall system Mean = 1.78 (+/- 1.75)

Sample Description

- First episode more likely to be Inpatient, Emergency Screening Unit, or Residential Day Treatment

- Logistic regression:
  - Across several models, only **age at initial service** and **number of episodes per year** were consistent in predicting being in the EPSDT PIP sample.

Current Activities

- Discussed work to date with APS during EQRO visit in January.

- Committee meeting this week to discuss their recommendations.